antibodies - online.com







anti-Protein Tob1 (TOB1) (AA 54-83), (N-Term) antibody



Images

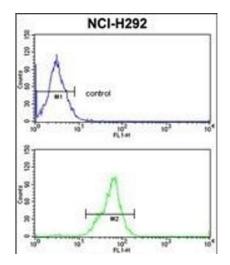


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Overview	
Quantity:	400 μL
Target:	Protein Tob1 (TOB1)
Binding Specificity:	AA 54-83, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogen:	This TOB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-83 amino acids from the N-terminal region of human TOB1.
Clone:	RB19906
Isotype:	lg Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Protein Tob1 (TOB1)

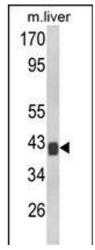
Target Details

TOB1 (TOB1 Products) TOB1 is a member of the tob/btg1 family of anti-proliferative proteins that have the potential to regulate cell growth. When exogenously expressed, this protein supresses cell growth in tissue culture. The protein undergoes phophorylation by a serine/threonine kinase, 90 kDa ribosomal S6 kinase. Interactions of this protein with the v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 gene product p185 interferes with growth suppression. This protein inhibits T cell proliferation and transcription of cytokines and cyclins. The protein interacts with both mothers against decapentaplegic Drosophila homolog 2 and 4 to enhance their DNA binding activity. This interaction inhibits interleukin 2 transcription in T cells. 38155 10140 NP_001230806, NP_001230814, NP_005740
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10140
NP 001230806 NP 001230814 NP 005740
1N1 _00 1 Z00000, INT _00 1 Z000 14, INT _000/ 40
P50616
WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
For Research Use only
Liquid
Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
4 °C,-20 °C
Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
aliquots to prevent freeze-thaw cycles.
P S T s A



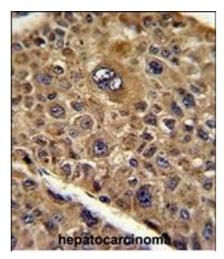
Flow Cytometry

Image 1. TOB1 Antibody (N-term) (ABIN652511 and ABIN2842342) flow cytometric analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of TOB1 Antibody (N-term) (ABIN652511 and ABIN2842342) in mouse liver tissue lysates (35 μ g/lane). TOB1 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with TOB1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.